EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	967	719/315.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:30
L2	525	719/316.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:30
L3	222	719/317.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:30
L4	767	719/318.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:30
L5	935	719/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:30
L6	317	719/311-312.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:30
L7	1443	709/200.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:31

EAST Search History

L8	11179	709/201-204.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:31
L9	19602	709/217-224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:31
L10	491	342/357.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:31
L11	216	455/400.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:31
L12	205	455/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:31
L13	6466	455/415-425.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:32
L14	1707	718/100.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:32

EAST Search History

L15	3034	718/101-104.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:32
L16	2844	715/513.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:32
L17	951	717/100,114.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:32
L18	474	719/331,332.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:32
L19	717	379/201.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:33
L20	219	379/201.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:33
L21	186	379/201.03.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 13:33

EAST Search History

L22	44061	l1 or l2 or l3 or l4 or l5 or l6 or l7 or l8 or l9 or l10 or l11 or l12 or l13 or l14 or l15 or 1l6 or l17 or l18 or l19 or l20 or l21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:34
L23	588	l22 and telecommunication and context same object	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:34
L24	296	l23 and feature same object	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:34
L25	122	l24 and call and compiled	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 13:35
S1	0	"5974135".pn. and "6029203".pn.	USPAT	OR	ON	2003/11/16 13:58
S2	2	(("5974135") or ("6029203")).PN.	USPAT; USOCR	OR	OFF	2003/11/16 14:44
S3	2	(US-6029203-$ or US-5974135-$). did.	USPAT	OR	OFF	2003/11/16 14:44
S4	1	S3 and (HTML same call)	USPAT	OR	OFF	2003/11/16 14:51
S5	0	S3 and (HTML same compile same call)	USPAT	OR	OFF	2003/11/16 14:44
S6	91	379/265.ccls. or 709/244.ccls. or 709/311-332ccls.	USPAT	OR	OFF	2003/11/16 14:55
S8	687	379/265$.ccls.	USPAT	OR	OFF	2003/11/16 14:54
S9	91	709/244.ccls.	USPAT	OR	OFF	2003/11/16 14:55
S11	49990	telecomm$10 or (tele adj comm$10) and ((((mark adj up) or markup) adj language) or HTML or XML)	USPAT	OR	ON	2003/11/15 19:13
S12	25176	(telecomm$10 or (tele adj comm$10) and ((((mark adj up) or markup) adj language) or HTML or XML)) and telephone	USPAT	OR	ON	2003/11/15 19:05

EAST Search History

S13	19118	((telecomm$10 or (tele adj comm$10) and ((((mark adj up) or markup) adj language) or HTML or XML)) and telephone) and switch$3	USPAT	OR	ON	2003/11/15 19:06
S14	719	(((telecomm$10 or (tele adj comm$10) and ((((mark adj up) or markup) adj language) or HTML or XML)) and telephone) and switch$3) and (HTML or XML)	USPAT	OR	ON	2003/11/15 19:07
S15	39	((((telecomm$10 or (tele adj comm$10) and ((((mark adj up) or markup) adj language) or HTML or XML)) and telephone) and switch$3) and (HTML or XML)) and (call adj feature)	USPAT	OR	ON	2003/11/15 19:07
S16	1246	(telecomm$10 or (tele adj comm$10)) and ((((mark adj up) or markup) adj language) or HTML or XML)	USPAT	OR	ON	2003/11/15 19:15
S17	5	(telecomm$10 or (tele adj comm$10)) and (((((mark adj up) or markup) adj language) or HTML or XML) near5 compil$5)	USPAT	OR	ON	2003/11/15 19:17
S18	1	((telecomm$10 or (tele adj comm$10)) and ((((mark adj up) or markup) adj language) or HTML or XML)) and (call near policy)	USPAT	OR	ON	2003/11/15 19:19
S19	230	((telecomm$10 or (tele adj comm$10)) and ((((mark adj up) or markup) adj language) or HTML or XML)) and (call same (HTML or XML))	USPAT	OR	ON	2003/11/15 19:20
S20	3	((telecomm$10 or (tele adj comm$10)) and ((((mark adj up) or markup) adj language) or HTML or XML)) and (call same (HTML or XML) same compil$5)	USPAT	OR	ON	2003/11/15 19:23
S21	0	coppercom.as.	USPAT	OR	ON	2003/11/15 19:23
S22	0	coppercom$.as.	USPAT	OR	ON	2003/11/15 19:24
S23	0	robert-martin$.in.	USPAT	OR	ON	2003/11/15 19:32
S24	32	PSTN and (HTML or XML).ab.	USPAT	OR	ON	2003/11/15 19:45
S25	0	(PSTN and (HTML or XML).ab.) and TSP	USPAT	OR	ON	2003/11/15 19:36
S26	34	PSTN and TSP	USPAT	OR	ON	2003/11/15 19:37
S27	3	(PSTN and TSP) and (HTML or XML or markup or (mark adj up))	USPAT	OR	ON	2003/11/15 19:44

EAST Search History

S28	3	(PSTN and TSP) and (HTML or XML or markup)	USPAT	OR	ON	2003/11/15 19:40
S29	0	Telecommunication adj sevice adj portal	USPAT	OR	ON	2003/11/15 19:40
S30	23	(PSTN and (HTML or XML).ab.) and (telephone same servic$5)	USPAT	OR	ON	2003/11/15 19:45
S31	7	(PSTN and (HTML or XML).ab.) and (telephone same servic$5 same (HTML or XML))	USPAT	OR	ON	2003/11/15 19:46
S32	249	feature adj object same context	US-PGPUB; USPAT	OR	ON	2005/10/14 19:40
S33	4	S32 same (xml or html)	US-PGPUB; USPAT	OR	ON	2005/10/14 19:53
S34	15	object near8 embody$5 same compiled	US-PGPUB; USPAT	OR	ON	2005/10/14 19:54
S35	0	S34 same (HTML or xml)	US-PGPUB; USPAT	OR	ON	2005/10/14 19:54
S36	3	S34 and (HTML or xml)	US-PGPUB; USPAT	OR	ON	2005/10/14 19:54
S37	3	(US-20040093198-$ or US-20040012630-$ or US-20020085696-$).did.	US-PGPUB	OR	ON	2005/10/14 19:54
S38	3	S37 and object near8 embody$5 same compiled	US-PGPUB; USPAT	OR	ON	2005/10/14 19:55
S39	8	(xml or markup or html) same embody$5 same compiled	US-PGPUB; USPAT	OR	ON	2005/10/14 19:57
S40	221	(xml or markup or html) same text same compiled	US-PGPUB; USPAT	OR	ON	2005/10/14 19:58
S41	64	(xml or markup or html) same text same compiled same object	US-PGPUB; USPAT	OR	ON	2005/10/14 19:59
S42	2	S41 and subscriber	US-PGPUB; USPAT	OR	ON	2005/10/14 19:58
S43	864	(xml or markup or html) same text same object and subscriber	US-PGPUB; USPAT	OR	ON	2005/10/14 20:00
S44	385	(xml or markup or html) near8 text near8 object and subscriber	US-PGPUB; USPAT	OR	ON	2005/10/14 20:00
S45	39	S44 and event same behavior	US-PGPUB; USPAT	OR	ON	2005/10/14 20:00
S46	0	S44 and event same behavior same data	US-PGPUB; USPAT	OR	ON	2005/10/14 20:00
S47	35	S45 and instant$5	US-PGPUB; USPAT	OR	ON	2005/10/14 20:01
S48	31	S45 and instantiate	US-PGPUB; USPAT	OR	ON	2005/10/14 20:59

EAST Search History

S49	1999048	xml text compiled near5 text	US-PGPUB; USPAT	OR	ON	2005/10/14 20:59
S50	4	xml near5 compiled near5 text	US-PGPUB; USPAT	OR	ON	2005/10/14 21:00
S51	145	xml near5 convert$3 near5 text	US-PGPUB; USPAT	OR	ON	2005/10/14 21:00
S52	73	xml near5 converted near5 text	US-PGPUB; USPAT	OR	ON	2005/10/14 21:01
S53	1	S52 same dynamic$5	US-PGPUB; USPAT	OR	ON	2005/10/14 21:01

Results for "((telecommunication<in>metadata) <and> (compiled<in>metadata))<and> (..." e-mail
Your search matched **2** of **1408155** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

((telecommunication<in>metadata) <and> (compiled<in>metadata))<and> (conte Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Static/Semi-Dynamic and Dynamic Composition of Services in Distribute**
Zein, O.K.; Kermarrec, Y.;
Telecommunications, 2006. AICT-ICIW '06. International Conference on Intern
Applications and Services/Advanced International Conference on
19-25 Feb. 2006 Page(s):144 - 144
Digital Object Identifier 10.1109/AICT-ICIW.2006.180
AbstractPlus | Full Text: PDF(94 KB) **IEEE CNF**
Rights and Permissions

2. **Context driven call: principles**
Rancov, V.; Stainov, R.;
Global Telecommunications Conference, 1992. Conference Record., GLOBEC
'Communication for Global Users'., IEEE
6-9 Dec. 1992 Page(s):296 - 300 vol.1
Digital Object Identifier 10.1109/GLOCOM.1992.276475
AbstractPlus | Full Text: PDF(564 KB) **IEEE CNF**
Rights and Permissions

Web Results **1** - **10** of about **579,000** for **telecommunication compiled representation context object featur**

Scholarly articles for **telecommunication compiled representation context object feature service**

Programming and Executing Telecommunication Service ... - Dillenseger - Cited by 4
Java-based intelligent mobile agents for open system ... - Covaci - Cited by 14
Mobile Intelligent Agents for the Management of the ... - Covaci - Cited by 4

Telecommunications portal capable of interpreting messages from an ...

Further, a **context object** tracks a current state of the **telecommunication service**. The **context object** accesses the **compiled representation** in response to an ...
www.freepatentsonline.com/7046778.html - 297k - Cached - Similar pages

Mechanism for dynamically associating a **service** dependent ...

associating the produced **service representation object** with the servant ... A group of desired **features** may be represented by a quality of **service** list that ...
www.freepatentsonline.com/6044224.html - 103k - Cached - Similar pages

[DOC] Introduction

File Format: Microsoft Word - View as HTML
Telecommunication service providers today are being challenged by issues and ... In the form of **compiled** run-time assemblies BizTalk Server 2004 ...
download.microsoft.com/.../d/b/9/db936756-c0c7-4982-a99e-49b40d291aa2/BizTalk_Server_2004_Architecture.doc - Similar pages

Citations: The Network with Smarts - Reinhardt (ResearchIndex)

Methods can be redefined and new **objects** added at run time. ScriptX code is semi **compiled** into a bytecode **representation**, similar ....
citeseer.ist.psu.edu/**context**/81643/0 - 31k - Cached - Similar pages

Citations: The Role of Frame-Based **Representation** in Reasoning ...

Such **features** make aluni powerful enough to provide a uni ed framework for frame systems, **object** oriented languages, and semantic data models. ...
citeseer.ist.psu.edu/**context**/74094/0 - 64k - Cached - Similar pages
[More results from citeseer.ist.psu.edu]

[PDF] Moorea, a **Service** Execution Environment for **Telecommunication** ...

File Format: PDF/Adobe Acrobat - View as HTML
In the **context** of advanced **telecommunication service** ... behavior is **compiled** into a Java reactive **object**, ... The management **features** for the **service** ...
www.iutc3.unicaen.fr/~bourdf/recherche/agents-mobiles/articles/ICIN01BD.pdf - Similar pages

Reinventing the Wheel? CORBA vs. Web **Services**

In CORBA, the Portable **Object** Adapter (POA) policies combined with the Fault-tolerant CORBA **features** and the Load-balancing CORBA **service** provide the ...
www2002.org/CDROM/alternate/395/ - 73k - Cached - Similar pages

Learning Circuits

SCORM (Sharable Content **Object** Reference Model): A set of specifications that, ... Value-

added **services**: In the **context** of the e-learning industry, ...
www.learningcircuits.org/glossary - 126k - Cached - Similar pages

ProVision Modeling Suite - Model your entire enterprise ...
Models by nature reflect a given view within a given **context**. ... The Model XTender **features** 150 template **objects** and 100 template links. ...
www.proformacorp.com/Products/enterprise**features**.asp - 44k - Cached - Similar pages

CIS Dept. Courses
Organization of a compiler including **compile**-time and run-time symbol tables, lexical scan, **object** code generation, error diagnostics, **object** code ...
www.sci.brooklyn.cuny.edu/cis/main/ugrad/courses.html - 45k - Cached - Similar pages

Goooooooooogle ▶
Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

---

telecommunication compiled represe Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

---

Google Home - Advertising Programs - Business Solutions - About Google

Terms used
telecommunication context object markup feature call

Found **220** of **185,178**

Sort results by: relevance
Display results: expanded form

Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown Relevance scale

1 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Publisher: IBM Press
Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 Computing curricula 2001
September 2001 **Journal on Educational Resources in Computing (JERIC)**
Publisher: ACM Press
Full text available: pdf(613.63 KB) html(2.78 KB) Additional Information: full citation, references, citings, index terms

3 Streams, structures, spaces, scenarios, societies (5s): A formal model for digital libraries
Marcos André Gonçalves, Edward A. Fox, Layne T. Watson, Neill A. Kipp
April 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 2
Publisher: ACM Press
Full text available: pdf(316.85 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Digital libraries (DLs) are complex information systems and therefore demand formal foundations lest development efforts diverge and interoperability suffers. In this article, we propose the fundamental abstractions of Streams, Structures, Spaces, Scenarios, and Societies (5S), which allow us to define digital libraries rigorously and usefully. Streams are sequences of arbitrary items used to describe both static and dynamic (e.g., video) content. Structures can be viewed as labeled directed gra ...

Keywords: applications., definitions, foundations, taxonomy

4 Spoken dialogue technology: enabling the conversational user interface

Michael F. McTear
March 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1
Publisher: ACM Press

Full text available: pdf(987.69 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language generation, language understanding, speech recognition, speech synthesis

5 sTeam: structuring information in team-distributed knowledge management in cooperative learning environments

August 2001 **Journal on Educational Resources in Computing (JERIC)**
Publisher: ACM Press

Full text available: pdf(179.03 KB) Additional Information: full citation, abstract, references, index terms, review

Learning is a socially embedded design process. But most of todays hypermedia systems fail to properly support the design-related and the social aspects of learning. Authoring and Web-publishing systems aim to support the authors design processes. Consequently, the activities of learners are confined to selecting and reading. Based on some fundamental reflections on the role of technology in learning processes, we conclude that top priority must be given to the construction of infrastructur ...

Keywords: cooperative learning, cooperative support, learner-centered approaches, sTeam (structuring information in a team), web-based learning and teaching

6 Image Retrieval from the World Wide Web: Issues, Techniques, and Systems

M. L. Kherfi, D. Ziou, A. Bernardi
March 2004 **ACM Computing Surveys (CSUR)**, Volume 36 Issue 1
Publisher: ACM Press

Full text available: pdf(294.13 KB) Additional Information: full citation, abstract, references, index terms

With the explosive growth of the World Wide Web, the public is gaining access to massive amounts of information. However, locating needed and relevant information remains a difficult task, whether the information is textual or visual. Text search engines have existed for some years now and have achieved a certain degree of success. However, despite the large number of images available on the Web, image search engines are still rare. In this article, we show that in order to allow people to profi ...

Keywords: Image-retrieval, World Wide Web, crawling, feature extraction and selection, indexing, relevance feedback, search, similarity

7 A fine-grained access control system for XML documents

Ernesto Damiani, Sabrina De Capitani di Vimercati, Stefano Paraboschi, Pierangela Samarati
May 2002 **ACM Transactions on Information and System Security (TISSEC)**, Volume 5 Issue 2
Publisher: ACM Press

Full text available: pdf(330.60 KB) Additional Information: full citation, abstract, references, citings, index terms

Web-based applications greatly increase information availability and ease of access, which is optimal for public information. The distribution and sharing of information via the Web that must be accessed in a selective way, such as electronic commerce transactions, require the definition and enforcement of security controls, ensuring that information will be accessible only to authorized entities. Different approaches have been proposed that address the problem of protecting information in a Web ...

Keywords: Access control, World Wide Web, XML documents, authorizations specification and enforcement

8 Business-to-business interactions: issues and enabling technologies

B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid
May 2003 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 12 Issue 1
Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(558.34 KB) Additional Information: full citation, abstract, citings, index terms

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business standard is an illustration of such an early adoption of the advances in computer networking. The ubiquity and the affordability of the Web has made it possible for the masses of businesses to automate their B2B interactions. However, several issu ...

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

9 An object-oriented SGML/HyTime compliant multimedia database management system

M. Tamer Özsu, Paul Iglinski, Duane Szafron, Sherine El-Medani, Manuela Junghanns
November 1997 **Proceedings of the fifth ACM international conference on Multimedia**
Publisher: ACM Press

Full text available: pdf(1.77 MB) Additional Information: full citation, references, citings, index terms

10 The "HyTime ": hypermedia/time-based document structuring language

Steven R. Newcomb, Neill A. Kipp, Victoria T. Newcomb
November 1991 **Communications of the ACM**, Volume 34 Issue 11
Publisher: ACM Press

Full text available: pdf(12.96 MB) Additional Information: full citation, references, citings, index terms

11 Moving objects: Synthetic generation of cellular network positioning data

F. Giannotti, A. Mazzoni, S. Puntoni, C. Renso
November 2005 **Proceedings of the 13th annual ACM international workshop on**

Geographic information systems GIS '05
Publisher: ACM Press
Full text available: pdf(678.71 KB) Additional Information: full citation, abstract, references, index terms

The flow of data coming from wireless telecommunication devices enables a novel classes of applications of high societal and economic impact. However, to make this flow of data useful, techniques for the discovery of consumable and concise knowledge out of these raw data have to be developed. Within the long term goal of devising knowledge discovery and analysis methods for trajectories of moving objects, this paper focuses on providing a system to build benchmark datasets for cellular devices p ...

Keywords: data mining, mobile devices positioning, spatio-temporal data generators, trajectories

12 Technique for automatically correcting words in text
Karen Kukich
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4
Publisher: ACM Press
Full text available: pdf(6.23 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Research aimed at correcting words in text has focused on three progressively more difficult problems:(1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction

13 An analysis of XML database solutions for the management of MPEG-7 media descriptions
Utz Westermann, Wolfgang Klas
December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4
Publisher: ACM Press
Full text available: pdf(448.76 KB) Additional Information: full citation, abstract, references, index terms, review

MPEG-7 constitutes a promising standard for the description of multimedia content. It can be expected that a lot of applications based on MPEG-7 media descriptions will be set up in the near future. Therefore, means for the adequate management of large amounts of MPEG-7-compliant media descriptions are certainly desirable. Essentially, MPEG-7 media descriptions are XML documents following media description schemes defined with a variant of XML Schema. Thus, it is reasonable to investigate curren ...

Keywords: MPEG-7, XML database systems, multimedia databases

14 sTeam - Designing an integrative infrastructure for Web-based computer-supported cooperative learning
Thorsten Hampel, Reinhard Keil-Slawik
April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press
Full text available: pdf(265.67 KB) Additional Information: full citation, references, index terms

Keywords: cooperation support, cooperative learning, learner-centered approaches, sTeam - structuring information in a team, web-based learning and teaching

15 Applications: A context-related authorization and access control method based on RBAC:
Marc Wilikens, Simone Feriti, Alberto Sanna, Marcelo Masera
June 2002 **Proceedings of the seventh ACM symposium on Access control models and technologies**
Publisher: ACM Press
Full text available: pdf(260.70 KB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes an application of authorization and access control based on the Role Based Access Control (RBAC) method and integrated in a comprehensive trust infrastructure of a health care application. The method is applied to a health care business process that involves multiple actors accessing data and resources needed for performing clinical and logistics tasks in the application. The notion of trust constituency is introduced as a concept for describing the context of authorisation. ...

Keywords: role based access control (RBAC), secure health care system, trust infrastructure

16 1a---Links and Navigation: The look of the link - concepts for the user interface of extended hyperlinks
Harald Weinreich, Hartmut Obendorf, Winfried Lamersdorf
September 2001 **Proceedings of the twelfth ACM conference on Hypertext and Hypermedia**
Publisher: ACM Press
Full text available: pdf(307.01 KB) Additional Information: full citation, abstract, references, citings, index terms

The design of hypertext systems has been subject to intense research. Apparently, one topic was mostly neglected: how to visualize and interact with link markers.

This paper presents an overview of pragmatic historical approaches, and discusses problems evolving from sophisticated hypertext linking features. Blending the potential of an XLink-enhanced Web with old ideas and recent GUI techniques, a vision for browser link interfaces of the future is being developed. We hope to stimula ...

Keywords: Web, XLink, distributed hypertext, link marker, user interface

17 Adaptive e-learning systems: KnowledgeTree: a distributed architecture for adaptive e-learning
Peter Brusilovsky
May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**
Publisher: ACM Press
Full text available: pdf(956.43 KB) Additional Information: full citation, abstract, references, index terms

This paper presents KnowledgeTree, an architecture for adaptive E-Learning based on distributed reusable intelligent learning activities. The goal of KnowledgeTree is to bridge the gap between the currently popular approach to Web-based education, which is centered on learning management systems vs. the powerful but underused technologies in intelligent tutoring and adaptive hypermedia. This integrative architecture attempts to address both the component-based assembly of adaptive systems and te ...

Keywords: adaptive content service, adaptive web, content re-use, e-learning, learning object metadata, learning portal, student model server

18 Workshop on compositional software architectures: workshop report

May 1998 **ACM SIGSOFT Software Engineering Notes**, Volume 23 Issue 3

Publisher: ACM Press

Full text available: pdf(2.91 MB) Additional Information: full citation, index terms

19 Semantic web services: Foundations for service ontologies: aligning OWL-S to dolce

Peter Mika, Daniel Oberle, Aldo Gangemi, Marta Sabou

May 2004 **Proceedings of the 13th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(234.31 KB) Additional Information: full citation, abstract, references, citings, index terms

Clarity in semantics and a rich formalization of this semantics are important requirements for ontologies designed to be deployed in large-scale, open, distributed systems such as the envisioned Semantic Web This is especially important for the description of Web Services, which should enable complex tasks involving multiple agents. As one of the first initiatives of the Semantic Webcommunity for describing Web Services, OWL-S attracts a lot of interest even though it is still under development. ...

Keywords: core ontology of services, daml-s, descriptions and situations, dolce, owl-s, semantic web, web services

20 Client-server computing in mobile environments

Jin Jing, Abdelsalam Sumi Helal, Ahmed Elmagarmid

June 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 2

Publisher: ACM Press

Full text available: pdf(233.31 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Recent advances in wireless data networking and portable information appliances have engendered a new paradigm of computing, called mobile computing, in which users carrying portable devices have access to data and information services regardless of their physical location or movement behavior. In the meantime, research addressing information access in mobile environments has proliferated. In this survey, we provide a concrete framework and categorization of the various way ...

Keywords: application adaptation, cache invalidation, caching, client/server, data dissemination, disconnected operation, mobile applications, mobile client/server, mobile compuing, mobile data, mobility awareness, survey, system application